

*5/Response  
Chen  
11/25/02*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Piech

EXAMINER: Addison, K.

SERIAL NO.: 09/751,922

GROUP ART UNIT: 2834

FILED: 12/29/2000

FOR: Integrally Skewed Permanent Magnet For Use In An Electric Machine

ATTY DOCKET NO.: 60,469-032; OT-4789

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REQUEST FOR RECONSIDERATION NOV 22 2002

Box AF  
Assistant Commissioner of Patents & Trademarks  
Washington, D.C. 20231

TECHNOLOGY CENTER 2800

Dear Sir:

This paper is responsive to the Office Action mailed on September 24, 2002. Applicant respectfully requests reconsideration of this application. To address the rejection under 112 and the objection to the drawings, Applicant draws the Examiner's attention to Figures 2, 3 and 4, for example. In each of those figures a central axis 35 of a magnet body is shown. In Figure 2, the right most edge (adjacent to the dimensional line L) runs parallel to the axis 35 along the entire length of that edge. Similarly, the right most edges (protruding slightly upward and into the page according to the perspective view) of the example embodiments of Figures 3 and 4 are edges that are parallel to the axis 35 along the entire length of the edge. Each of the example magnets of Figures 2-4 have a magnetic field with a centerline that is skewed relative to the axis

35. Accordingly, the rejection under 35 U.S.C. §112 and the drawing objection should be withdrawn.

None of the claims are anticipated, nor rendered obvious by the *Hoemann, et al.* reference. That reference shows an arrangement having a plurality of magnets 19A, 19B, 19C, 19D, each of which does not have any edge that is parallel to a central axis of the magnet body. The zigzag configuration of the magnets in *Hoemann, et al.* cannot satisfy the claim limitations. If the Examiner is interpreting the magnetic portions 21A-21D as corresponding to Applicant's claimed magnet, then there is no anticipation because the magnetic field of the straight magnet portions 21A-21D is parallel with the centerline of those portions. There is no magnet within the *Hoemann, et al.* reference that has at least one edge of the body running parallel to a central body axis along the entire length of the edge and has a magnetic field that is skewed relative to the body axis.

It cannot be considered obvious to modify the magnets of the *Hoemann, et al.* reference to be consistent with Applicant's claims because that would eliminate the "predetermined pattern" of the magnets used by *Hoemann, et al.* as described, for example, at column 2, line 63 - column 3, line 10. The particular skewing arrangement of *Hoemann, et al.* is what provides the intended results taught by that reference. If it were modified to be consistent with Applicant's claimed invention, then the entire contribution to the art made by *Hoemann, et al.* would be eliminated.

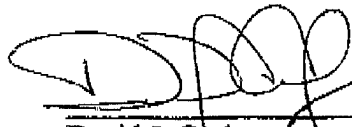
All claims should be allowed.

Applicant's representative will be happy to discuss any issues regarding this application with the Examiner if the Examiner requires further explanation or believes

that a telephone conference will otherwise facilitate moving this case forward to being issued. Applicant's representative may be contacted at the telephone number indicated below.

Respectfully submitted,

CARLSON, GASKEY & OLDS, P.C.



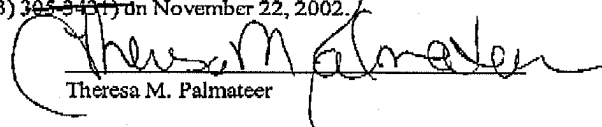
David J. Gaskey  
Registration No. 37,139  
Attorneys for Applicant  
400 West Maple, Suite 350  
Birmingham, Michigan 48009  
(248) 988-8360

Dated: November 22, 2002

CERTIFICATE OF FACSIMILE

I hereby certify that this Response is being facsimile transmitted to Examiner Karen B. Addison, Patent and Trademark Office (Fax No. (703) 305-9431) on November 22, 2002.

872-9319



Theresa M. Palmateer

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